SmartSF SSF-KV04-US

SmartSF Wireless Security Camera System User Manual

Model: SSF-KV04-US

1. Product Overview

The SmartSF Wireless Security Camera System provides a comprehensive surveillance solution for your home or business. This system includes an 10-Channel NVR with a pre-installed 3TB hard disk and 8 3MP 1080p Full HD wireless cameras. Designed for ease of use, the system supports 24/7 recording, customizable schedules, and remote access via a free mobile application.

Key features include IP66 waterproof cameras for all weather conditions, long-range night vision up to 65 feet, live streaming, and instant motion detection alerts. The system is pre-paired at the factory for a plug-and-play setup, requiring only power connections for the NVR and cameras.



Figure 1: SmartSF Wireless Security Camera System components.

2. What's in the Box

- 8 pcs 2K Full HD Cameras
- 10CH NVR with 3TB Hard Drive
- Power Adapters for NVR and Cameras
- USB Mouse
- HDMI Cable
- Ethernet Cable
- Mounting Screws and Hardware
- User Manual

3. Setup and Installation

3.1 NVR Setup

Follow these steps to set up your Network Video Recorder (NVR):

1. **Power Up NVR:** Connect the NVR to a power source using the provided power adapter.
2. **Connect to Display:** Use the HDMI cable to connect the NVR to a PC monitor or TV.
3. **Network Connection:** Connect the NVR to your router using the Ethernet cable for remote access features.
4. **Connect Mouse:** Plug the USB mouse into an available USB port on the NVR for navigation.

Video 1: NVR initial setup, including power, HDMI, network, and mouse connections.



Figure 2: NVR connected to a monitor, demonstrating the plug-and-play setup.

3.2 Camera Installation

The cameras are pre-paired with the NVR. Simply mount them in your desired locations and provide power.

1. **Choose Location:** Select a suitable location for each camera, ensuring it has access to a power outlet.
2. **Mount Camera:** Use the provided mounting screws and hardware to securely attach the camera to the wall or ceiling.
3. **Connect Power:** Plug the camera's power adapter into a power outlet. The camera will automatically connect to the NVR.

Video 2: Detailed steps for mounting and powering the wireless security cameras.

3.3 Mobile App Setup for Remote Access

Access your security system remotely from your mobile device using the free app.

1. **Download App:** Scan the QR code displayed on your NVR's monitor (or refer to the manual) to download the TSEyeAPP from your device's app store (iOS & Android).
2. **Add Device:** Open the app, click the '+' icon to add a new device, and scan the NVR's SN QR code on the display.
3. **View Live Feed:** Once added, you can view live video feeds from all your cameras.

Video 3: Guide on how to download the mobile app and connect it to your NVR for remote viewing.

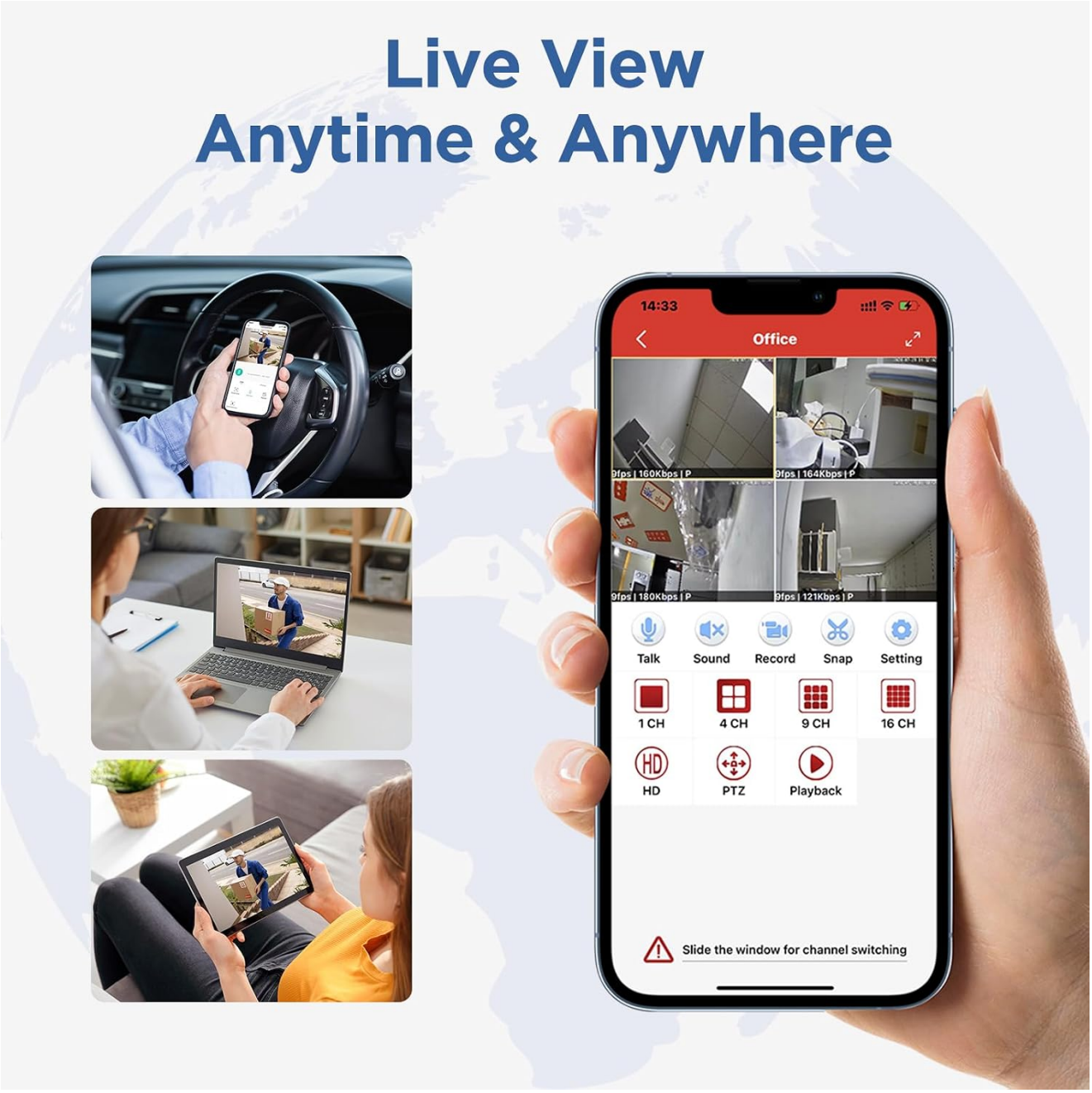


Figure 3: Live view and remote access features on the mobile app.

4. Operating Instructions

4.1 Recording Modes

The NVR defaults to 24/7 continuous recording. You can customize recording schedules through the NVR's interface to suit your specific needs, such as motion-triggered recording during certain hours.



Figure 4: Continuous 24/7 recording ensures constant surveillance.

4.2 Remote Access

With the mobile app, you can view real-time video and dynamics from anywhere, anytime. The system functions without an internet connection for local viewing, but internet is required for remote access from mobile devices.

4.3 Motion Detection

The system features intelligent motion detection, including human detection. You will receive instant alerts on your mobile device when motion is detected in the monitored areas.



Figure 5: Human motion detection provides targeted alerts.

4.4 Night Vision

Equipped with advanced night vision technology, the cameras provide clear surveillance even in low-light conditions, with a range of up to 65 feet.



Figure 6: Super HD night vision for clear monitoring in darkness.

5. Maintenance

- **Clean Lenses:** Regularly clean camera lenses with a soft, damp cloth to ensure clear image quality.
- **Check Connections:** Periodically inspect all power and network cable connections to ensure they are secure and free from damage.
- **Monitor Storage:** Check the NVR's hard drive storage periodically to ensure sufficient space for recordings. The 3TB HDD provides ample storage, but regular review and backup of critical footage is recommended.
- **Firmware Updates:** Check the manufacturer's website for any available firmware updates for your NVR and cameras to ensure optimal performance and security.

6. Troubleshooting

6.1 No Video Display

- **Check Power:** Ensure the NVR and all cameras are properly powered on and their power adapters are securely connected.
- **HDMI/VGA Connection:** Verify the HDMI or VGA cable connecting the NVR to your monitor/TV is secure and functioning correctly.

- **Camera Pairing:** Although pre-paired, ensure cameras are within range and have reconnected to the NVR. If a camera is offline, try restarting it.

6.2 Remote Access Issues

- **Network Connection:** Confirm the NVR is connected to your router via Ethernet and your router has an active internet connection.
- **App Status:** Check the app's device list to ensure the NVR is online. Restart the app or your mobile device if necessary.
- **Firewall/Router Settings:** Ensure your router's firewall settings are not blocking the NVR's connection. Consult your router's manual or ISP for port forwarding if required.

6.3 Motion Detection Not Triggering

- **Sensitivity Settings:** Adjust the motion detection sensitivity in the NVR settings or mobile app.
- **Detection Zones:** Ensure detection zones are properly configured to cover the desired areas and exclude irrelevant ones.
- **Obstructions:** Check for any physical obstructions (e.g., spiderwebs, leaves) on the camera lens that might interfere with detection.

7. Specifications

Feature	Specification
Brand	SmartSF
Model Number	SSF-KV04-US
Connectivity Technology	Wireless
Video Capture Resolution	2K (3MP Cameras)
Number of Channels	10
Memory Storage Capacity	3 TB
Special Features	Audio Recording, App Control, Human Detection
Power Source	Corded Electric
Night Vision Range	65 Feet
Frame Rate	30 fps
Recording Mode	Continuous Schedule
Optical Sensor Technology	CMOS
Hardware Interface	802.11 ac/b/g/n
Video Input	HDMI, VGA
Product Dimensions	10.6 x 7 x 12.6 inches
Item Weight	12.67 pounds
UPC	705735228834

8. Warranty and Support

SmartSF stands by its products with a 60-day hassle-free return policy and a comprehensive 1-year warranty. For any assistance or inquiries, round-the-clock technical support is available from SmartSF. Please do not hesitate to reach out to our knowledgeable technicians and customer support team for help with setup, operation, or troubleshooting.